Page 1

Item ID:	D4026-1	
Revision ID:		
Item Name:	Fuel Gauge	
Start Date:	8/16/10	Start Qty: 1.00
Required Date	: 8/17/10	Req'd Qty: 1.00
Reference:		
Approvals:	Process Pl	lan: 💢
	QC:	
Sequence ID/		Operation
Work Center	ID	Description
Draw Nbr	Re	evision Nbr
D4026	A	
D4026		Y .
100		
	,	
		Memo

Accept

Setup Start



Stop

Cust Item ID:

Customer:

Tool ID

Date: 10/8/16 Tooling:

Date:

SPC (Y/N):

Set Up/

0.00

0.00

Run Hours

Date:

Tool #

Plan

.

Code

Date:

Reject

Qty

Run

Accept

Qty

Start

Stop

Reject Insp.

Number

CX 10/8/16 O

Stamp

Issue P/O: 12392 Purchase part as per Dwg D4026

Part #: FL-100-R

Possible Supplier: AIRCRAFT SPRUCE

Material release note required

110

Receive & Inspect for Damage & Mat'l Certs

0.00

Packaging

Packaging

Memo

0.00

Work Order ID 61307

August 16, 2010 11:33:21 AM



Page 2

Item ID:

D4026-1

Accept

Setup Start

Stop



Revision ID:

Start Date:

Fuel Gauge Item Name:

Required Date: 8/17/10

Start Qty: 1.00 8/16/10

Req'd Qty: 1.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Start

Run

Reject

Number Stamp

QC:

Date:

SPC (Y/N):

Date: _____ Tool # Plan

Code

Stop

Reject

Qty

Insp.

Sequence ID/

Work Center ID

120

Quality Control

Operation Description

QC6- Inspect dimensions to drawing

Memo

Run Hours

secial number ASL 884175

Set Up/

750 C55

0.00

0.00

8,0/05/16

Accept

Qty

130

Packaging

Memo

Packaging

140

Quality Control

QC21- Final Inspection - Work Order Release

Identify as per dwg & Stock Location: 57115

0.00

Memo

0.00

Picklist Print

August 16, 2010 11:33:20 AM

Work Order ID: 61307

Parent Item: D4026-1

Parent Item Name: Fuel Gauge



Start Date: 8/16/10

Required Date: 8/17/10

Page 1

Start Qty: 1.00

Required Qty: 1.00

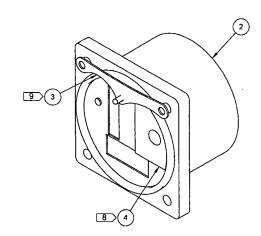
Comments:

IPP Rev:A 10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
FL-100-R		Purchased	No	· · · · · · · · · · · · · · · · · · ·	,	110	Each	0.0000	1	1			
											Mr 1	0-8-1	8

Fuel Gauge

ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	x	D4026-041	FUEL GAUGE ASSEMBLY	FL-100-R-JCA (REF)
2	1	D4026-1	FUEL GAUGE	
3	1	D4014-1	SWITCH PLATE	
4	1	D4014-3	GAUGE COVER	
5	A/R		DOUBLE SIDED TAPE	



SHOP COPY **RETURN TO ENGINEERING** UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. Le/307 CX 10/8/16



D4026-041 FUEL GAUGE ASSEMBLY

NOTES: 1) MATERIAL: N/A

1) MATERIAL: NIA
2) FINISH: NIA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4026-041" AND B/N USING FINE POINT PERMANENT INK MARKER

DENTIFICATION: DESTRICT WHITE DATA THE DESCRIPTION OF THE DESTRICT OF THE

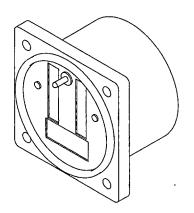
NEW ISSUE 10.02.05 Α REV. DESCRIPTION DATE BY DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. REV. A CHECKED D4026 MFG. APPR. SHEET 1 OF 2 APPROVED TITLE SCALE **FUEL GAUGE** NTS DE APPR. COPYRIGHT © 2010 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRINATE AND CONTROLING IN the SUPPLED ON THE SUPPLES CONDITION
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3

DART AEROSPACE PART NUMBER JOHN CAMERON AVIATION PART NUMBER D4026-1 FL-100-R-JCA

D

SPECIFICATION CONTROL DRAWING



SHOP COPY **RETURN TO ENGINEERING** UNCONTROLLED COPY SUBJECT TO AMENDMENT WITHOUT NOTICE WORK ORDER NO. 61307

2

DART PART NUMBER	MANUFACTURER	MANUFACTURER PART NUMBER			DISSUMPTION SENSORS SUPPORTED			
D4026-1	AEROSPACE LOGIC INC.	FL-100-R	AIRCRAFT SPRUCE AND SPECIALTY	10-00304	-15°C TO +55°C 5°F TO 131°F	450 mA MAX (DAY OPERATION) 60mA MIN (NIGHT OPERATION	RESISTIVE SENSORS OF ALL TYPES R _{MAX} = 300 OHMS R _{MIN} = 0 OHMS	6 - 32 VDC

D4026-1 FUEL GAUGE

NOTES:	
1) MATERIAL:	N/A

1) MATERIAL: NIA
2) FINISH: NIA
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: NIA
7) WEIGHT: NIA

DESIGN **DART AEROSPACE LTD** DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D4026 MFG. APPR. SHEET 2 OF 2 APPROVED TITLE SCALE DE APPR. **FUEL GAUGE** NTS COPYRIGHT © 2010 BY DART AEROSPACE LTD
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3



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO12392

Purchase Order Date 8/12/10 PO Print Date 8/12/10

Page Number 1 of 1

Order From:

VU-JOH001

JOHN CAMERON AVIATION HANGER 473, BIRCH STREET BANKSTOWN AIRPORT BANKSTOWN, NSW 2200 2200 **AUSTRALIA**

Contact Name

Vendor Phone

61 2 9791 0155

Vendor Fax

61 2 9791 0017

Vendor Account Nbr

Buyer

Linda Lacelle

Requisition Nbr

Tax Resale Nbr

10127-2607 Net 30

Terms Currency

USD

FOB

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA

Line Nbr Reference Revision ID Vendor Part Number

Description/ Mfg ID

Req Date/

Taxable Unit of Measure

Each

Req Qty/ Ship Method

Unit Price

Extended Price

D4026-1

Fuel Gauge

8/20/10 Yes 1.00 Yours ppd \$0.0000

\$0.00

Special Inst:

SUPPLIER P/N: FL-100-R JCA P/N:FL-100-R-JCA

CERTIFICATE OF CONFORMITY REQUIRED UPON DELIVERY N/C ORDER FOR WARRANTY

REPLACEMENT

PO Total:

\$0.00



No substitution or deviation without consent. Certificate of Conformity or Material

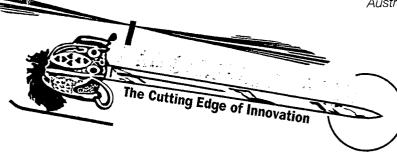
Certification required when applicable

Change Nbr:

Change Date: 8/12/10

Coun	oving National Aviation try/Authority A / COMMONWEALTH OF	AUTHORISED RE	LEASE CERTIF	TCATE		3. Form T	racking No.
	TRALIA		Form One)			H-15	327
			•				
		rpower Holdings T/AS John Cameron Aviatio	on			5. Work O	rder/Contract/Invoice No.
		ar 473 , Birch Street, Bankstown Airport Bankstow	n NSW 2200				
6. Item	7. Description	8. part Number	9. Eligibility	10. Quantity	11. Serial / Bato	ch No. 12. Status/Work	
1	Fuel Gauge	FL-100-RC	VARIOUS		ASL004175		New
)//o				
13. Rema	arks						
14. Certifi	ies that the items listed above were n	nanufactured in conformity to:	19-1 (42 42)44 6				
N N	Approved design data and in a cond Non-approved design data specified		CAR 42WA Return to Certifies that unless otherwise s was carried out in accordance w the items are approved for return	specified in Block	12 +bo		on specified in Block 13 ock 12 and described in Block 1 1998, and in respect to that wo
15. Autho	rised Signature	16. CASA Approval No.	20. Authorised Signature	to service.	31 6464	C1:5	
f	Julian .	2237			21. CASA	Certificate	e No.
17. Mante	(printed or typed)	18. Date (D/M/Y)	22. Name (printed or typed)				
John Ca	ameron	10-Aug-2010	== Name (pinica or typea)		23. Date (D/M/Y)	
It is impor	tant to understand that the existence	of this document alone does not automatically constitute auth	Responsibilities				
that he/he	er NAA acceptable parts, components,	ith the natinoal regulations of a National Aviation Authority (NA), assemblies from the NAA of the country specified in Block 1.	AA), different than the NAA of the co	ountry specified in	Block 1, it is ess	ential that	the user/installer ensures
		canduon cerunication, in an cases the aircraft maintenance	record much contain an installation				

Statements in Block 14 and 19 do not constitute installation certification. In all cases the aircraft maintenance record must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft can be flown.



Hangar 473, Birch Street Bankstown Airport NSW 2200 Australia-All correspondence to PO Box 221 Georges Hall NSW 2198

Tel: +61 2 **9791 0155** Fax: +61 2 9791 0017 Email: sales@jcaviation.com.au www.jcaviation.com.au

869572497652

CURRENCY

USD

TOTAL

WEIGHT

TOTAL INVOICE

VALUE

\$800.00

COMMERCIAL INVOICE

INTERNATIONAL AIR WAY BILL NO:

DATE OF EX	PORTATIO	ON: 12-8-10		SHIPPERS EXPORT REFERENCE: PO/2392					
SHIPPER/EX	PORTER:				CONSIGNE	E :			
John Camero				DART Aerospace Ltd					
Hangar 473, E		t		1270 Aberdeen Street					
BANKSTOWN AIRPORT NSW 2200						, ON			
AUSTRALIA					K6A 1K7, Ca				
					Tel: 1.613.6				
ABN: 77 00 1	725 373				RA: 110026				
COUNTRY O	F EXPOR	T:			IMPORTER	•			
AUSTRALIA					DART Aeros				
REASON FO	R EXPOR	T:			1270 Aberdeen Street				
Warranty Ret	urn to Man	ufacturer			_Hawkesbury				
COUNTRY O	F ULTIMA	TE DESTINA	ATION:		K6A 1K7, C				
CANADA					Tel: 1.613.6	32.5200			
COUNTRY	NO. OF	TYPE OF	FULL DESRIPTION OF GOODS	QTY	UNIT OF	WEIGHT	UNIT	TOTAL	
OF ORIGIN	PKGS	PACKAGING	/		MEASURE		VALUE	VALUE	
Aus	1	CARTON	FL100R-JCA	1			\$800.00	\$800.00	
			,						
			(Parts are aircraft parts and		1				
			parts are being returned						
			to the manufacturer)						
			18/10						
			1 a la Ly						
			·						
								•	

DIMMENSIONS OF PACKAGES:

I DECLARE ALL THE INFORMATION CONTAINED IN THE INVOICE TO BE TRUE AND CORRECT.

SIGNATURE OF SHIPPER/EXPORTER

NAME

TOTAL

PKGS

TITLE

DATE

25926h225698

L Lacelle

From:

Sian Willems [swillems@dartaero.com]

Sent:

August 12, 2010 11:29 AM

To:

'Office Manager'; 'L Lacelle'

Cc:

'Carole O'Rourke'; Chantal Lavoie

Subject:

RE: NCR10-084 Geotech.xls

Attachments: Tracking# - DART Helicopter Services, LLC (31.2 KB); NCR10-084 Geotech.xls (53.6 KB)

Hi Mei,

I was right....I was confused....

Carole's e-mail pertained to the warranty replacement of cushions for some steps that are slipping down the crosstube...see attached. Carole's e-mail was to notify you that the parts had been shipped to you.

My e-mails pertain to the warranty replacement of fuel gauge for Panterra/Geotech and possible warranty for a gauge for Eurocopter South Africa. In answer to your original question, yes the warranty and replacement gauges were shipped from Dart to the customers. You should be receiving a no charge PO later today for the one gauge you still have in stock to be shipped direct to Dart to replace the warranty one we provided to Geotech.

Thanks,

Siân Willems

Marketing

T - 1.613.632.5200

F - 1.613.632.1185

C - 1.613.676.0577

swillems@dartaero.com

DART aerospace Ltd.

From: Sian Willems [mailto:swillems@dartaero.com]

Sent: August 11, 2010 7:56 PM

To: 'Office Manager'

Subject: RE: NCR10-084 Geotech.xls

Hi Mei,

I'm confused. I don't understand why DHS is placing a warranty PO with you for qty. 2. Dart Aero was going to send a no charge PO for qty 1 (since that's all you have in stock) to cover off the fuel gauge we had to send to Panterra/Geotech (they were AOG), then, should the additional unit for Eurocopter South Africa be a warranty issue, which is yet to be determined, we could deal with that issue at that time (I figure we could let John and Bill duke it out). In the meantime, Eurocopter South Africa has been asked to issue a PO to DHS for one fuel gauge (for which they'll be invoiced) and to return the affected unit to be evaluated for possible warranty credit...if it turned out to be a warranty, the Eurocopter would get a credit and we'd discuss with JCA about compensation. In the meantime, we have enough units in stock to cover Panterra/Geotech and Eurocopter.....maybe I'm not understanding all that's going on.

Sorry, I don't have the PO yet, purchasing will provide that in the morning.

Thanks,

Siân Willems

Marketing

T - 1.613.632.5200

F - 1.613.632.1185

C - 1.613.676.0577

swillems@dartaero.com

DART aerospace Ltd.

From: Office Manager [mailto:officemanager@jcaviation.com.au]

Sent: August 11, 2010 7:51 PM

To: Sian Willems

Subject: RE: NCR10-084 Geotech.xls

Hi Sian,

I would like to send this out today, can you please provide the no charge purchase order number?

Kind regards,

Mei Akacha

John Cameron Aviation

Office Manager

Email: officemanager@jcaviation.com.au

All Correspondence to P.O.Box 221

Georges Hall NSW 2198

Hangar 473, Bankstown Airport

Bankstown NSW 2200

Australia

(P): +612-9791-0155 (F): +612-9791-0017 www.kaviation.com.au



A AND THE RESIDENCE OF THE PROPERTY OF THE PRO

From: Sian Willems [mailto:swillems@dartaero.com]

Sent: Thursday, 12 August 2010 6:14 AM

To: Office Manager

Cc: 'Bill Beckett'; 'L Lacelle'

Subject: RE: NCR10-084 Geotech.xls

Good morning Meí,

Please ship the gauge to:

Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON Canada K6A 1K7

Tel: 1-613-632-5200

Please ensure part is shipped with all certification paperwork.

Tomorrow, Linda will forward you a no charge purchase order for this part, please make reference to the PO number on the paperwork.

Thanks,



Marketing

T - 1.613.632.5200

F - 1.613.632.1185

C - 1.613.676.0577

swillems@dartaero.com

DART aerospace Ltd.

From: Office Manager [mailto:officemanager@jcaviation.com.au]

Sent: August 10, 2010 11:41 PM

To: Sian Willems **Cc:** Bill Beckett

Subject: RE: NCR10-084 Geotech.xls

Hi Sian,

Hope all is well. Can you please advise shipping address for the warranty replacement fuel gauge?

Many Thanks

Kind regards, Mel Akacha

John Cameron Aviation

Office Manager

Email: office:manager@jcaviation.com.au

All Correspondence to P.O.Box 221 Georges Hall NSW 2198

Hangar 473, Bankstown Airport

Bankstown NSW 2200

Australia



Section 2 Acres (American Section 2) Acres (Amer

From: John Cameron

Sent: Tuesday, 10 August 2010 12:36

To: 'Bill Beckett'

Cc: 'swillems@dartaero.com'

Subject: RE: NCR10-084 Geotech.xls

G/Day Bill,

RE - Panterra request

Ok we will send out a new gauge P/N FL-100-R-JCA s/n ASL004175 even though it is out of warranty. I know how hard it is to

deal with Aerospace Logic Inc. as soon as you can find a simpler STCed gauge for the tank it will be a cost saving and simpler for the operator

Now that you have this last gauge from us which we have taken out of our last electrical kit ,best delete kit P/N JCA-M47-1-K1E it from the list of parts we had left over Along with our last full installation kit P/N JCA/M47-1-K1 which we sold today

Please advise where you need it shipped to Best Regards John

John Cameron

(P): +612-9791-0155 (F): +612-9791-0017 (M): +61-0412-397-633 john@jcaviation.com.au



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Hangar 473, Bankstown Airport, Bankstown NSW 2200 Australia. PO Box 221 Georges Hall NSW 2198

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Please be kind to the environment and only print this email if necessary.

From: Bill Beckett [mailto:bbeckett@dartaero.com]

Sent: Monday, 9 August 2010 20:43

To: John Cameron

Subject: FW: NCR10-084 Geotech.xls

Hi John,

I assume you will cover this warranty claim out of your royalty payments? I will provide appropriate documentation at the time. Is this OK with you?

Bill

From: Sian Willems [mailto:swillems@dartaero.com]

Sent: August 6, 2010 3:52 PM To: 'L Lacelle'; 'Bill Beckett'

Cc: 'Harvey Siemens'; 'Marc Bellavance'; 'Dan Stow'; 'Jason Murdoch'

Subject: NCR10-084 Geotech.xls

Hi Linda,

I'm fwd this no charge to you as an FYI, I've not yet sent it to DHS, but I know the part is not showing in stock because they need some work and inspections. I'll fwd the no charge on Monday to DHS.

Hi Bill,

I wondering about the warranty on this....the part was purchased just over a year ago by Panterra from JCA (June 15). This is just past the warranty period so I don't think we should be splitting hairs as far as the customer is concerned, but I'm thinking that JCA should ultimately be responsible for this part not DART?

Just to bring everyone up to speed. The customer did contact the gauge manufacturer as suggested by Harvey but they havent' yet received a response. In the meantime, the customer took the new gauge out of the box from the new aux tank they received and installed it in the problematic aircraft and they were able to calibrate it, telling us that the gauge itself is not working properly. I have spoke with the customer and confirmed the shipping address and they're expecting us to ship a no charge replacement on Monday.

Sian

Scanned by the Netbox from Netbox Blue

Scanned by the Netbox from Netbox Blue

Scanned by the Netbox from Netbox Blue

Scanned by the Netbox from Netbox Blue